



# NITFS Compliance Registration



**Product:** NITFS Services Library, version 4.7.2.0

**Date:** 23 January 2004

**Sponsor:** Space and Naval Warfare Systems Command System Center  
Charleston Code 733

**Expiration:** 22 January 2006

**Developer:** SEMCOR Division of Titan Systems Corporation

**Registration #:** 3008

☐ Initial Registration  
☒ Supplemental/Update #306  
☐ Derived from Reg. #

**System**  
N-0105/98, §4.1.1

## NITFS Features Implemented:

**Product**  
N-0105/98, §4.1.2

**Component**  
N-0105/98, §4.1.3

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

## Configurations Tested:

-Intel Pentium IV / Windows 2000 Professional, SP3  
-Intel Pentium IV/ Windows XP Professional, SP1  
-Sun Sunblade 100 / Solaris 2.8  
-Sun Ultra 2 / Solaris 2.8

### Format

#### NITF

☒ v2.1

☒ v2.0

☒ v1.1

#### NSIF

☒ v1.0

### Image Segment Types

☒ MONO

☒ RGB

☒ RGB/LUT

☒ YCbCr

☒ MULTI

☐ NO DISPLY

☐ POLAR

### Data Extension Segments

☐ TRE\_OVERFLOW

☐ STREAMING\_FILE\_HEADER

☐ Controlled Extensions \*\*

☐ Registered Extensions \*\*

### Tagged Record Extensions

☒ QMAPA

### Pixel Value Types

☒ Boolean

☒ Integer

☒ Signed Integer \*

☐ IEEE Real \*

☐ IEEE Complex \*

### Image Compression

☒ Not Compressed

☒ JPEG Lossy, 8-bit

☒ JPEG Lossy, 12-bit

☒ JPEG Downsample

☒ JPEG Lossless

☒ JPEG 2000

☒ JLevel

☒ Vector Quantization

☒ Multispectral JPEG, Individual Band

### Annotation Segment Types

☒ Bit Mapped \*\*

☒ COM, 2301

☒ COM, 2301A

☒ Labels \*\*

### Text Segments

☒ TA

☒ UT1

☒ U8S

☐ MTF

☒ Fully implemented  
☐ Partially implemented  
☐ Not implemented

EDWARD E. BOYLES II, Division Chief  
Joint Interoperability Test Command  
Executive Agent to National Geospatial-  
Intelligence Agency for the NITFS Test and  
Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.  
Potential users should evaluate the detailed test results to determine the suitability of  
product for the intended use. Optional NITFS features may not be implemented.